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www.philips.com/welcome

DS9100W



User manual

PHILIPS

Contents

1 Important	2
Safety	2
Notice	3

2 Your Entertainment System	5
Introduction	5
What's in the box	5
What else you need	5
Overview of the main unit	6
Overview of the remote control	7

3 Prepare	8
Connect power	8
Turn DS9100W on	8
Prepare the remote control	8

4 Connect to your home Wi-Fi network for AirPlay	10
Method 1: Use Wi-Fi network login sharing	10
Method 2: Connect to a WPS router	11
Method 3: Connect to a non-WPS Wi-Fi router	12

5 Play	18
Stream audio from your iTunes music library to DS9100W	18
Play and charge your iPod/iPhone/iPad through the dock connector directly	19
Control play	20
Use advanced sound settings	21
Play from an external device	21

6 Update firmware	22
Option 1: Update through Philips SoundStudio (recommended)	22
Option 2: Update from a PC/Mac	22

7 Product information	24
Specifications	24

8 Troubleshooting	25
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1 Important

Safety

- ① Read these instructions.
- ② Keep these instructions.
- ③ Heed all warnings.
- ④ Follow all instructions.
- ⑤ Do not use this product near water.
- ⑥ Clean only with dry cloth.
- ⑦ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- ⑧ Apparatus shall not be exposed to dripping or splashing.
- ⑨ Keep this product away from direct sunlight, naked flames or heat.
- ⑩ Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment (including amplifiers).
- ⑪ Do not place any other electrical equipment on the product.
- ⑫ Do not place any sources of danger on the product (e.g. objects containing liquids, burning candles).
- ⑬ This product may include batteries. Please refer to safety and disposal instructions for batteries in this user manual.
- ⑭ Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect this apparatus from the power.

Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least four inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.

Information about the use of batteries:



Caution

- Risk of leakage: Only use the specified type of batteries. Observe correct polarity. Remove batteries from products that are not in use for a longer period of time. Store batteries in a dry place.
- Risk of injury: Wear gloves when handling leaking batteries. Keep batteries out of reach of children and pets.
- Risk of explosion: Do not short circuit batteries. Do not expose batteries to excessive heat such as sunshine, fire or the like. Do not throw batteries into the fire. Do not damage or disassemble batteries. Do not recharge non-rechargeable batteries.

Risk of swallowing batteries!

- The device may contain a coin/button type battery, which can potentially be swallowed. Keep the battery out of reach of children at all times! If swallowed, the battery can cause serious injury or death. Severe internal burns can occur within two hours of ingestion.
- If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.

- When you change the batteries, always keep all new and used batteries out of reach of children. Make sure that the battery compartment is completely secure after you replace the battery.
- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.

Important notes for users in the U.K.

Mains fuse

This information applies only to products with a UK mains plug.

This product is fitted with an approved molded plug. If you replace the fuse, use one with:

- the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.

Contact your dealer if you are not sure about what type of fuse to use.

Caution: To conform with the EMC directive (2004/108/EC), do not detach the plug from the power cord.

How to connect a plug

The wires in the power cord are colored as follows: blue = neutral (N), brown = live (L).

If the colors do not correspond with the colors on your plug, identify the terminals in your plug as follows:

- 1 Connect the blue wire to the terminal marked N or colored black.
- 2 Connect the brown wire to the terminal marked L or colored red.
- 3 Do not connect either wire to the earth terminal in the plug, marked E (or e) or colored green (or green and yellow).

Before you replace the plug cover, make sure that the cord grip is clamped over the sheath of the cable and not just over the two wires in the cable.

Notice

C€0890

Hereby, WOOX Innovations declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. You can find the Declaration of Conformity on www.philips.com/support.

Any changes or modifications made to this device that are not expressly approved by WOOX Innovations may void the user's authority to operate the equipment.

Philips and the Philips' Shield Emblem are registered trademarks of Koninklijke Philips N.V. and are used by WOOX Innovations Limited under license from Koninklijke Philips N.V.®

Specifications are subject to change without notice. WOOX reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it

means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Made for

 **iPod**  **iPhone**  **iPad**



"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

AirPlay, iPod, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.

Class II equipment symbol:



CLASS II apparatus with double insulation, and no protective earth provided.

Note

- The type plate is located on the bottom of the apparatus.

2 Your Entertainment System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the bottom of the apparatus. Write the numbers here:

Model No. _____

Serial No. _____

Introduction

Apple AirPlay technology enables you to play your iTunes music library, hosted on a Mac, PC, iPhone, iPod touch, or iPad on any AirPlay-enabled device (for example, your DS9100W) connected to the Wi-Fi network.

With an AirPlay-enabled device (for example, your DS9100W), you can:

- stream audio from your iTunes music library to any room in your house
- choose which AirPlay-enabled devices you want to play music on (if you have more than one such devices in your house)
- stream audio to multiple AirPlay-enabled devices at the same time (from the iTunes music library on your PC/Mac only)



Tip

- Please visit www.philips.com/welcome for information about more Philips AirPlay-enabled devices.

With DS9100W, you can also:

- charge or play music from your iPod/iPhone/iPad directly through the lightning dock connector.
- play music from other audio devices through the **AUX IN** socket.

What's in the box

Check and identify the contents of your package:

- Main unit (with a built-in Wi-Fi module)
- 1 x AC power cord
- 1 x remote control
- Quick start guide
- Safety sheet

What else you need

To stream audio wirelessly by AirPlay, you need:

- A Wi-Fi certified router
- A host for your iTunes music library, for example, an iPod touch/iPhone/iPad installed with iOS 4.3.3 (or later) or a Wi-Fi enabled PC/Mac installed with iTunes 10.2.2 (or later)

Your DS9100W should be connected to the same local network as your iTunes host device through the Wi-Fi router.

List of compatible iTunes host devices for AirPlay

In terms of AirPlay, DS9100W is compatible with:

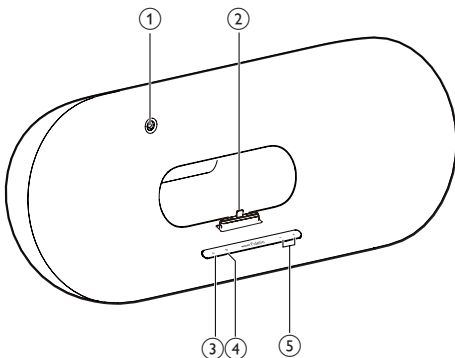
- a Wi-Fi enabled PC/Mac installed with iTunes 10.2.2 (or later); and
- the following iPod/iPhone/iPad models installed with iOS 4.3.3 (or later):

Made for

- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPad (4th generation)
- iPad mini
- iPad (3rd generation)
- iPad 2
- iPad
- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)

Overview of the main unit

Front View



① IR sensor

- Detect signals from the remote control. Point the remote control directly at the sensor.

② Lightning dock for iPod/iPhone/iPad

③ ϕ

- Turn the unit on/off.

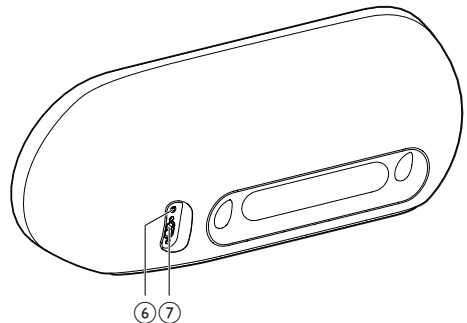
④ ∞ button/indicator

- Connect the unit to a Wi-Fi network.
- Show the current status of the unit.

⑤ -/+

- Adjust volume.

Back View

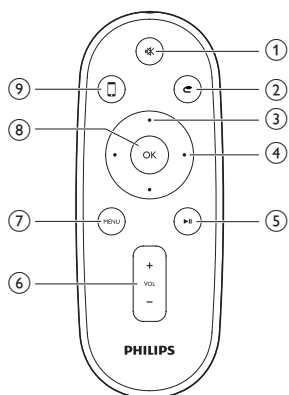


⑥ AUX IN

- Connect an external audio player through a 3.5mm audio input cable (not supplied).

⑦ Power supply socket

Overview of the remote control



9 

- Switch between the AirPlay audio source and the iPod/iPhone/iPad dock source.

1 

- Mute or restore volume.

2 

- Select the 3.5mm audio input source.

3 **Up/down keys**

- In dock mode, navigate through the iPod/iPhone/iPad menu.

4 **Left/right keys**

- Fast reverse or fast forward within a track on your iPod/iPhone/iPad.
- Skip to the previous/next track.

5 

- Start or pause play.

6 **VOL +/-**

- Adjust volume.

7 **MENU**

- Access the iPod/iPhone/iPad menu.

8 **OK**

- Confirm a selection.

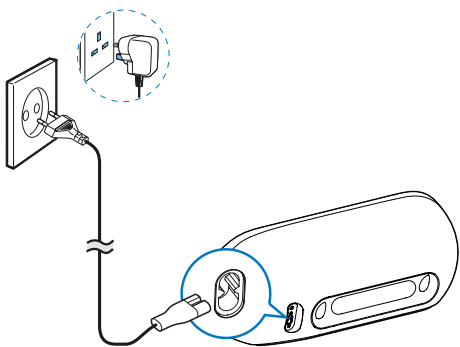
3 Prepare

Always follow the instructions in this chapter in sequence.

Connect power

! Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the bottom of the unit.
- Risk of electric shock! When you unplug the AC power cord, always pull the plug from the socket. Never pull the cord.
- Before connecting the AC power cord, ensure you have completed all other connections.



- Connect the AC power cord to
 - the **AC IN** socket on the back of the unit.
 - the wall power socket.

Turn DS9100W on

After proper power connection, the unit switches on automatically.

- Wait for successful boot-up of the unit.
 - ↳ The boot-up takes about 25 seconds.

- ↳ During boot-up, the indicator on front panel blinks yellow.
- ↳ After boot-up, for first-time setup, the  indicator turns solid yellow, and the unit is ready for Wi-Fi setup. If a Wi-Fi connection has been set up previously, the  indicator blinks amber and white slowly to search for the set up Wi-Fi network.

- To switch the unit to standby mode, press  on the front panel.
- To switch the unit on from standby mode, press  again.

Prepare the remote control

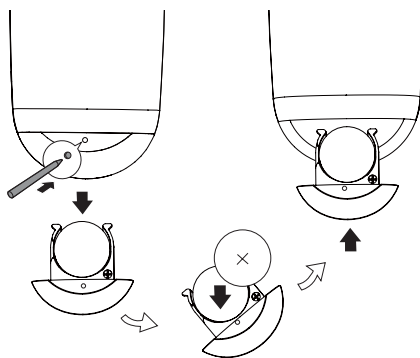
! Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.

For first-time use:

- Remove the protective tab to activate the remote control battery.

To replace the remote control battery:



- 1 Press the hole with the tip of a ball-point pen or a sharp tool to open the battery compartment.
- 2 Insert one CR2025 battery with correct polarity (+/-) as indicated.

3 Close the battery compartment.



Note

- Before you press any function button on the remote control, first select the correct source with the remote control instead of the main unit.
- If you are not going to use the remote control for a long time, remove the battery.
- Point the remote control directly at the IR sensor on the front of DS9100W for better reception.

4 Connect to your home Wi-Fi network for AirPlay



To connect DS9100W to your existing home Wi-Fi network, you need to apply your home Wi-Fi settings to DS9100W.

Choose your best setup method based on the preconditions listed below.

Precondition	Setup method
You have an iPod touch/iPhone/iPad with a lightning connector.	Choose method 1 (recommended) (see 'Method 1: Use Wi-Fi network login sharing' on page 10).
Your Wi-Fi router is enabled with WPS (Wi-Fi Protected Setup) and supports PBC (Push Button Connection).	Choose method 2 (see 'Method 2: Connect to a WPS router' on page 11).
You have a Wi-Fi enabled device with an Internet browser, such as an iPod touch/iPhone/iPad or a Wi-Fi enabled PC/Mac.	Choose method 3 (see 'Method 3: Connect to a non-WPS Wi-Fi router' on page 12).

**Tip**

- You can also set up and enjoy AirPlay through other Apple devices such as iPhone 4, iPhone 4S, iPad 2nd generation, iPod touch 4th generation. In this case, you can choose Method 2 or Method 3 for AirPlay setup.

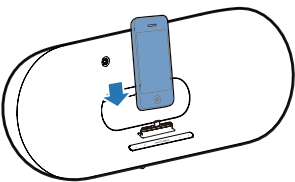
Before connection of DS9100W to you home Wi-Fi network, make sure that:

- ① **your Wi-Fi router is powered on and working properly.**
- ② **DS9100W has been powered on and booted up successfully (see 'Turn DS9100W on' on page 8).**

Once connected successfully, DS9100W will remember your home Wi-Fi settings. Then you can enjoy AirPlay whenever DS9100W is powered on and connected to your home Wi-Fi network automatically.

Method 1: Use Wi-Fi network login sharing

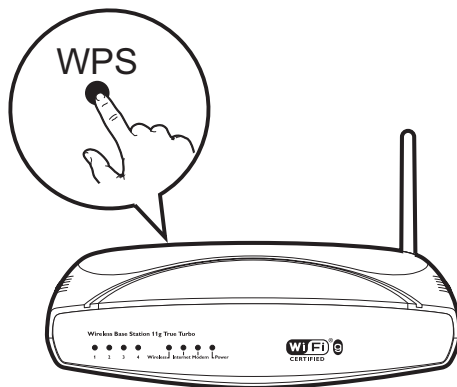
- 1 Connect your iPod touch/iPhone/iPad to your home Wi-Fi network.
- 2 Dock your iPod/iPhone/iPad onto the unit.



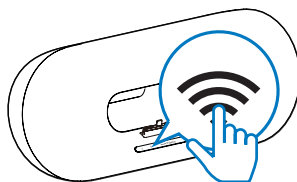
- 3 Press  on the front panel of the unit.
➡ The following dialog box is displayed.



- 4 Tap **ALLOW** (allow) to share your Wi-Fi settings with DS9100W.
- ↳ After a while, the  indicator on the front panel turns solid white, and the unit beeps.
 - ↳ DS9100W is connected to your existing home Wi-Fi network successfully.



- 2 Shortly after step 1, press  on the front panel of the unit.
- ↳ The  indicator blinks yellow and green alternately.
 - ↳ Within 2 minutes, the  indicator turns solid white, and the unit beeps.
 - ↳ DS9100W is connected to your home Wi-Fi network successfully.



Method 2: Connect to a WPS router

Note

- Before you press any button on DS9100W, make sure that DS9100W has been booted up successfully (see 'Turn DS9100W on' on page 8).

- 1 Press the WPS button on your home Wi-Fi router.

Tip

- For some Wi-Fi routers, you may need to hold the WPS button for Wi-Fi connection or enable the WPS PBC function from the router configuration pages. See the user manuals of the specific routers for details.
- If the  indicator on DS9100W stays yellow, it means that the Wi-Fi connection has failed. Please wait for 2 minutes and try again. If the problem remains, try to set up the Wi-Fi connection manually (see 'Method 3: Connect to a non-WPS Wi-Fi router' on page 12).
- If the Wi-Fi connection fails again, restart DS9100W, and then try again.

Method 3: Connect to a non-WPS Wi-Fi router



Note

- You can also follow the procedures below to connect DS9100W to a WPS router manually.

To connect DS9100W to a Wi-Fi router manually, you need access to DS9100W's built-in configuration web page for change of its internal Wi-Fi settings. To do so, you need a Wi-Fi enabled device with an Internet browser for temporary Wi-Fi connection to DS9100W. The Wi-Fi enabled device can be an iPod touch/ iPhone/iPad or a Wi-Fi enabled PC/Mac.

Follow the sequence below for connection of DS9100W to a non-WPS Wi-Fi router:

- 1 Collect settings of your home Wi-Fi router and write down on paper for use during DS9100W Wi-Fi setup (see 'Collect settings of your home Wi-Fi router' on page 12).
- 2 Make sure that DS9100W is in Assisted Wi-Fi Setup mode. If not, switch DS9100W to Assisted Wi-Fi Setup mode (see 'Switch DS9100W to Assisted Wi-Fi Setup mode' on page 13).
↳ A new Wi-Fi network created by DS9100W will appear, with the network name (SSID) of **Philips_Install XXXXXX**.
- 3 Connect your Wi-Fi enabled device to the newly created Wi-Fi network temporarily (see 'Connect your Wi-Fi enabled device to the newly created Wi-Fi network' on page 13).
- 4 Open the built-in web page of DS9100W with the Internet Browser of your Wi-Fi enabled device (see 'Open the built-in web page of DS9100W' on page 15).

- 5 Configure the internal Wi-Fi settings of DS9100W based on the settings you wrote on paper at step 1 (see 'Configure the internal Wi-Fi settings of DS9100W' on page 15).
- 6 Restore your Wi-Fi enabled device back to your existing home Wi-Fi settings (see 'Restore your Wi-Fi enabled device back to your existing home Wi-Fi setting' on page 16).

Collect settings of your home Wi-Fi router



Note

- Always consult the user manual of your home Wi-Fi router for detailed instructions.

- 1 Connect your Wi-Fi enabled device to your existing home Wi-Fi network.
- 2 Launch the Internet browser (for example, Apple Safari or Microsoft Internet Explorer) on your Wi-Fi enabled device.
- 3 Open the configuration page of your home Wi-Fi router.
- 4 Find the Wi-Fi settings tab and write down the following information on paper:
 - (A) Network name (SSID)
 - (B) Wi-Fi security mode (usually WEP, WPA or WPA2 if enabled)
 - (C) Wi-Fi password (if Wi-Fi security is enabled)
 - (D) DHCP mode (enabled or disabled)
 - (E) Static IP address settings (if DHCP mode is disabled)

Switch DS9100W to Assisted Wi-Fi Setup mode

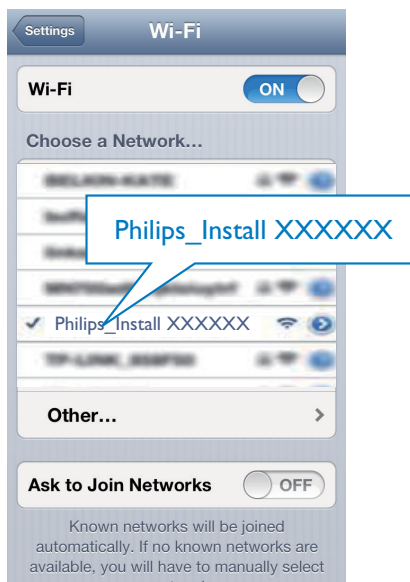
- After successful boot-up (see 'Turn DS9100W on' on page 8), press and hold  on the front panel of the unit.
 - ↳ The  indicator blinks white and yellow alternately.
 - ↳ A new Wi-Fi network of DS9100W itself is created, with the network name (SSID) of **Philips_Install XXXXXX**.
 - ↳ It takes about 45 seconds for successful creation of this new Wi-Fi network.

Note

- After you finish manual Wi-Fi setting for DS9100W, this new Wi-Fi network disappears.
- If you fail to enter Assisted Wi-Fi Setup mode, power off DS9100W and power on it, then try again after successful boot-up.
- Make sure that there are no other Philips AirPlay-enabled devices in Assisted Wi-Fi Setup mode at the same time. Multiple new Wi-Fi networks created this way may interfere with each other.



- 2 Select **Philips_Install XXXXXX** from the list of available networks.



Connect your Wi-Fi enabled device to the newly created Wi-Fi network

The new Wi-Fi network created by DS9100W only allows access of one Wi-Fi enabled device. To avoid interference from any other Wi-Fi devices, you are recommended to temporarily disable the Wi-Fi function on your other Wi-Fi devices.

Option 1: Use your iPod touch/iPhone/iPad

- 1 Select **Settings** -> **Wi-Fi** on your iPod touch/iPhone/iPad.

- 3 Wait until successful Wi-Fi connection on your iPod touch/iPhone/iPad.
- ↳  is displayed at the upper left corner of your iPod touch/iPhone/iPad.



Tip

- If **Philips_Install XXXXXX** is not in the list, try to scan the available Wi-Fi networks again.

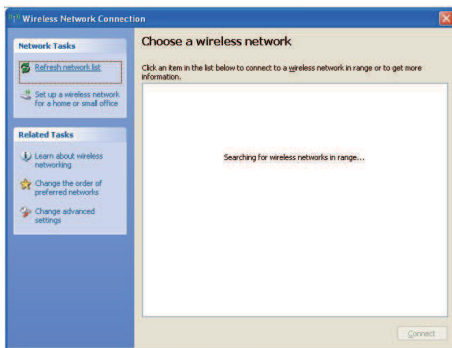
Option 2: Use your Wi-Fi enabled PC/Mac



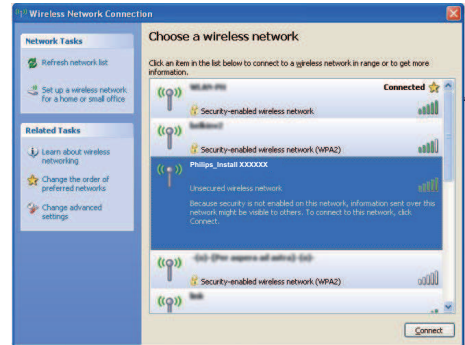
Note

- See the user manual of your PC/Mac for how to connect your PC/Mac to a Wi-Fi network.
- During Wi-Fi network connection, do not connect any network cable to your PC/Mac.

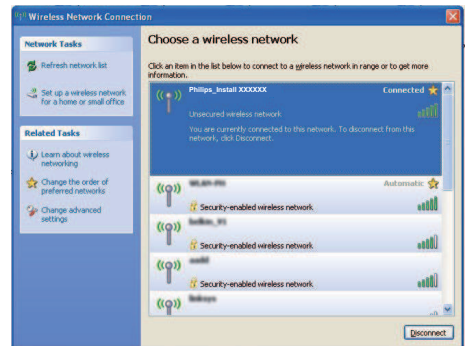
- 1 Open the Wi-Fi setup tool or control panel on your PC/Mac.
- 2 Scan the available Wi-Fi networks.



- 3 Select **Philips_Install XXXXXX** from the list of available networks.



- 4 Wait until successful Wi-Fi connection on your PC/Mac.

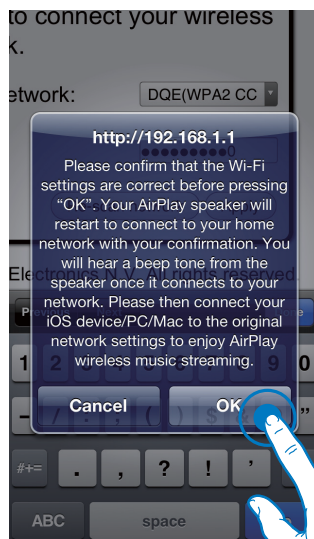


Tip

- If **Philips_Install XXXXXX** is not in the list, try to scan the available Wi-Fi networks again.

Open the built-in web page of DS9100W

- 1 Launch Apple **Safari** browser or any other Internet browser on your Wi-Fi enabled device.
- 2 Type in **192.168.1.1** at the browser address bar and confirm.
 - ↳ The DS9100W configuration web page is displayed.



- Follow the on-screen instructions to configure and confirm the internal Wi-Fi settings of DS9100W.
 - ↳ After a while, the  indicator on the front panel of DS9100W stops blinking and turns solid white, and the unit beeps.
 - ↳ DS9100W is connected to your existing home Wi-Fi network successfully.

Configure the internal Wi-Fi settings of DS9100W

On the DS9100W configuration web page, you can configure the internal Wi-Fi settings of DS9100W for connection of DS9100W to your existing home Wi-Fi network.

Note

- Make sure that the settings on the configuration web page match your home Wi-Fi network settings that you wrote on paper.

Note

- If the  indicator on DS9100W does not stay white steadily, it means that the Wi-Fi connection has failed. Please power off both your Wi-Fi router and DS9100W and then power on them again to see whether DS9100W can be connected to your home Wi-Fi network. If the problem remains, try the above procedures again.
- After you finish the above changes or power-off and power-on of DS9100W, the new Wi-Fi network created by DS9100W will disappear.



Tip

- If you like, you can change the name of your DS9100W in **Philips Fidelio Device Name** on the DS9100W configuration web page. This is helpful when you have multiple Philips AirPlay-enabled devices in your house and you need to distinguish between them.

Restore your Wi-Fi enabled device back to your existing home Wi-Fi setting



Note

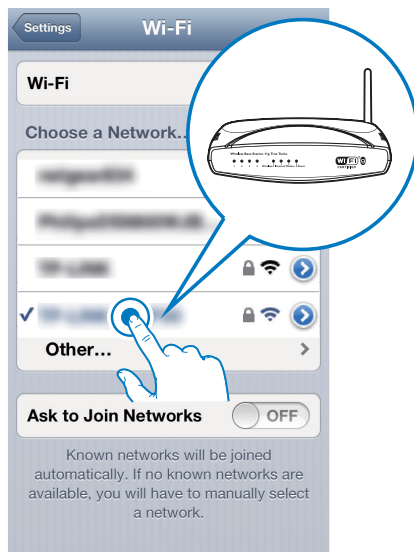
- Make sure that the settings at steps 2 to 3 below match your home Wi-Fi network settings you wrote on paper.

- 1 Select **Settings** -> **Wi-Fi** on your iPod touch/iPhone/iPad.

- Or open the list of available Wi-Fi networks on your PC/Mac.



- 2 Select your network name (SSID) from the list of available wireless networks.

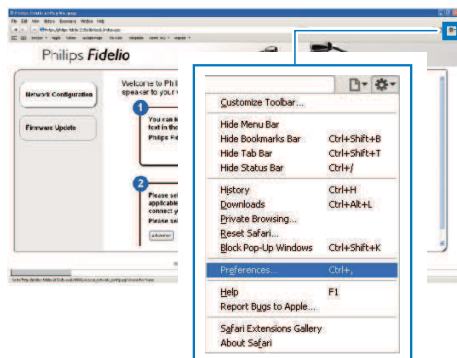


- 3 Enter the network key if required.
- 4 Wait until successful Wi-Fi connection to your home Wi-Fi network.

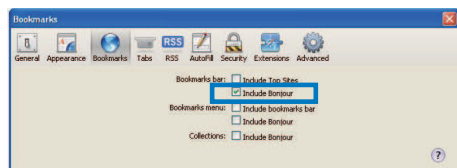
Optional: Change the internal Wi-Fi settings or rename your device through Safari

If you use Safari on your Wi-Fi enabled PC/ Mac, you can also select 'Philips DS9100W XXXXXX' from the Bonjour pull-down list to enter the DS9100W configuration web page directly. Here, you can change the internal Wi-Fi settings or rename your device easily.

- 1 Click *** -> Preferences**.
↳ The Bookmarks menu is displayed.



- 2 Tick **Include Bonjour** for **Bookmarks bar**.



- 3 Select **Philips DS9100W XXXXXX** from the Bonjour pull-down list shown at the bookmarks bar.
↳ The DS9100W configuration web page is displayed.



- 4 Here, you can change the internal Wi-Fi settings or rename your device easily.

5 Play

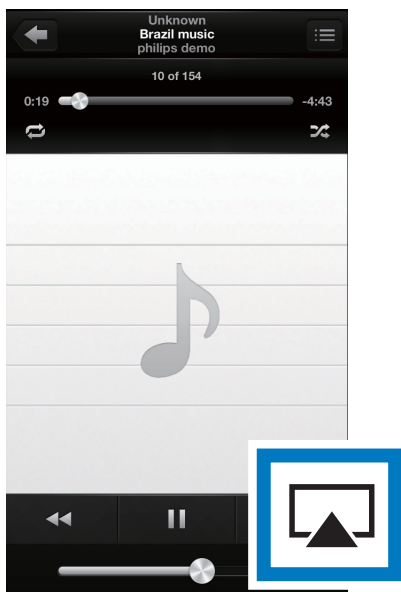
Stream audio from your iTunes music library to DS9100W

Note

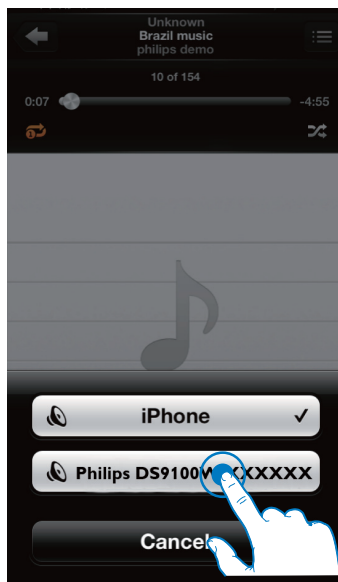
- Make sure that your iTunes host device is connected to the same Wi-Fi network as DS9100W. Your iTunes device can be an iPod touch/iPhone/iPad installed with iOS 4.3.3 (or later) or a Wi-Fi enabled PC/Mac installed with iTunes 10.2.2 (or later).

Stream from your iPod touch/iPhone/iPad

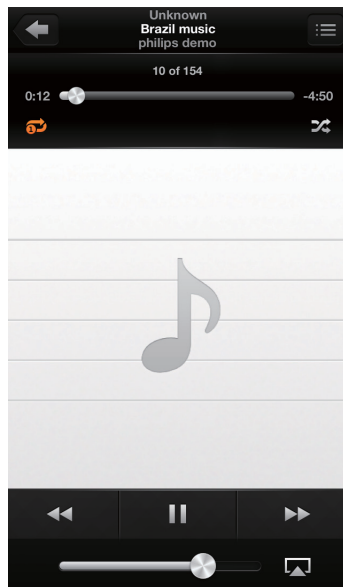
- Launch the iPod/Music application on your iPod touch/iPhone/iPad.
- Tap the AirPlay icon.



- Select **Philips DS9100W XXXXXX** (or user customized name) from the AirPlay list.



- Select a media file and start play.
↳ After a while, you will hear music from DS9100W.

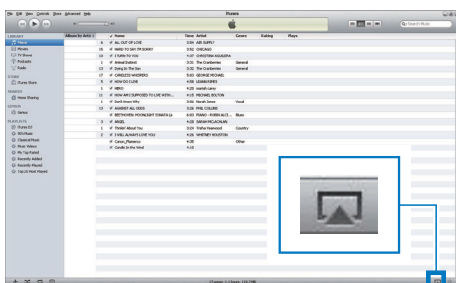


Note

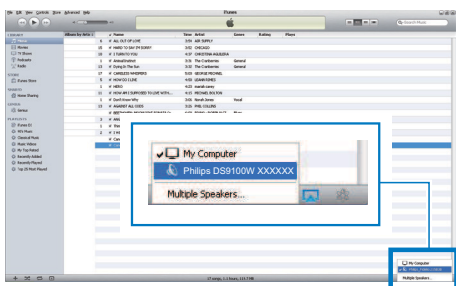
- If you fail to hear music after successful setup, do one of the following on your iPod touch/iPhone/iPad:
- (1) Disconnect and then re-connect to the same Wi-Fi router again;
- (2) Close all applications running at the background;
- (3) Power off and then power on your iPod touch/iPhone/iPad again.

Stream from your PC/Mac

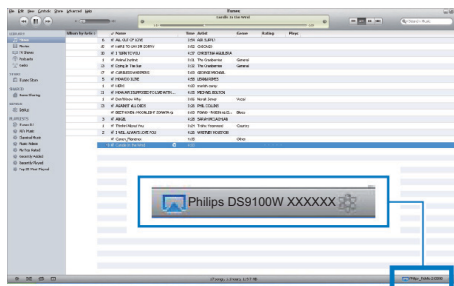
- 1 Launch iTunes 10.2.2 (or a later version) on your PC/Mac.
- 2 Click the AirPlay icon on the window.



- 3 Select **Philips DS9100W XXXXXX** (or user customized name) from the AirPlay list.



- 4 Select a media file and start play.
↳ After a while, you will hear music from DS9100W.



Tip

- When you stream audio from your iTunes music library on a PC/Mac, you can select more than one AirPlay-enabled devices (if available) at step 3 to stream music to all of them at the same time.
- If you are using an earlier version of iTunes, the AirPlay icon may be  instead of .

Play and charge your iPod/iPhone/iPad through the dock connector directly

Compatible iPod/iPhone/iPad

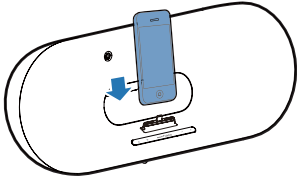
This unit supports play and charge of the following iPod, iPhone, and iPad models:

Made for

- iPhone 5
- iPad (4th generation)
- iPad mini
- iPod touch (5th generation)

Load the iPod/iPhone/iPad

- Dock your iPod/iPhone/iPad.



To remove the iPod/iPhone/iPad

- Pull the iPod/iPhone/iPad out of the dock.

Listen to the iPod/iPhone/iPad

- 1 Make sure that the iPod/iPhone/iPad has been loaded correctly.
- 2 Press **□** repeatedly to select the iPod/iPhone/iPad dock source.
- 3 Press **▶||**.
 - ↳ The connected iPod/iPhone/iPad starts to play.
 - To pause/resume play, press **▶||**.
 - To skip to a track, press the left and right keys.
 - To search during play, press and hold the left/right keys, then release to resume normal play.
 - To navigate through the menu, press **MENU**, then press the up/down keys to select, and press **OK** to confirm.

Charge the iPod/iPhone/iPad

The docked iPod/iPhone/iPad begins to charge as soon as the unit is connected to AC power.

Control play

You can select different play options from either your iTunes host device or DS9100W.

Note

- The operations below are based on the supplied remote control of DS9100W.
- Make sure that you have successfully streamed audio from your iTunes music library to DS9100W.

- To start or pause play in AirPlay or dock mode, press **▶||**.
- To skip to the previous or next track in AirPlay or dock mode, press left/right keys.
- To adjust volume, press **VOL +/-** repeatedly.
- To mute or restore volume, press **🔇**.
- To switch to the MP3 link audio source (if connected), press **🔊**.
- To switch between the AirPlay audio source and the iPod/iPhone/iPad dock source, press **□**.
- To access the iPod/iPhone/iPad menu in dock mode, press **MENU**.
- To navigate through the iPod/iPhone/iPad menu in dock mode, press the up/down keys.
- To confirm a selection in dock mode, press **OK**.

Tip

- If you are streaming music from a PC/Mac, to control music play from DS9100W, launch iTunes and tick **Allow iTunes audio control from remote speakers** in **Edit** (for Windows) or **iTunes** (for Mac) -> **Preferences...** -> **Devices**.

Use advanced sound settings

If your iTunes host device is an iPod touch/iPhone/iPad:

For advanced sound settings and additional features, you can use your iPod touch/iPhone/iPad to download the **Philips SoundStudio** app from Apple App Store. It is a free application from Philips.



Tip

- You can also upgrade the firmware of the device through the Philips SoundStudio app directly (see 'Option 1: Update through Philips SoundStudio (recommended)' on page 22).

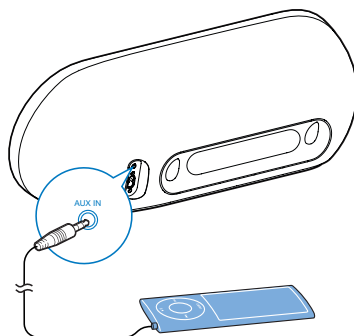
If your iTunes host device is a Wi-Fi enabled PC/Mac:

For advanced sound settings, you can use the equalizer available on iTunes directly (**View -> Show Equalizer**).



Tip

- See the iTunes help documentation for more details.



- Connect a 3.5mm audio cable to:
 - the **AUX IN** socket on the back of DS9100W.
 - the headphone socket on an external audio player.
- Press **⏮** to select the MP3 link source.

Play from an external device

You can also listen to an external audio player through DS9100W.

6 Update firmware

Warning

- Always connect your DS9100W to AC power for firmware upgrade. Never power off your DS9100W during firmware upgrade.

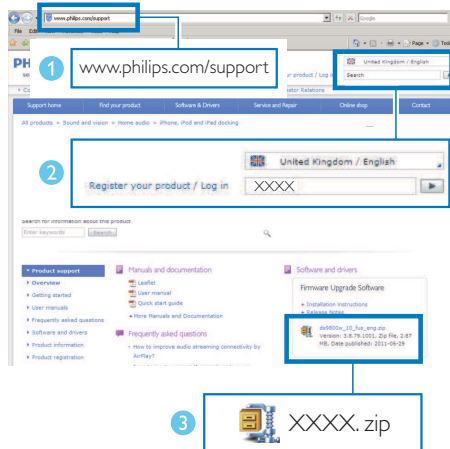
You can update the firmware either through the **Philips SoundStudio** application directly or from a PC/Mac.

Option 1: Update through Philips SoundStudio (recommended)

- 1 Run the **Philips SoundStudio** app on your iPod/iPhone/iPad.
- 2 Go to the **Settings** tab of the app.
- 3 Select **Firmware upgrade**.
- 4 Follow the on-screen instructions to check for new firmware and proceed with upgrade.

Option 2: Update from a PC/Mac

Download the update file



- 1 On your PC/Mac, go to www.philips.com/support.
- 2 Enter the model number to find the latest firmware upgrade file available.
- 3 Unzip and save the upgrade file to your hard drive.

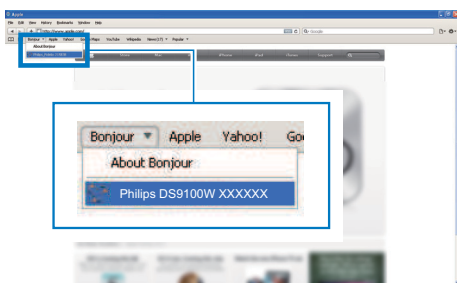
Update firmware

Note

- To use an Internet browser other than Apple Safari on your PC/Mac, remember to go to the Wi-Fi router configuration page and write down the IP address of your DS9100W. See the user manual of your Wi-Fi router for how to find the IP addresses of devices connected to the Wi-Fi router.

- 1 Power on DS9100W (see 'Turn DS9100W on' on page 8).
 - ↳ It takes about 25 seconds for the unit to boot up. During boot-up, the  indicator on the front panel of the unit blinks yellow.
 - ↳ After boot-up, you can hear a beep and the  indicator turns solid white.
 - ↳ DS9100W is connected to the last configured Wi-Fi network automatically.

- 2 Make sure that DS9100W and your PC/Mac are connected to the same Wi-Fi router.
- 3 Open Apple **Safari** on your PC/Mac, then select '**Philips DS9100W XXXXXX**' from the Bonjour pull-down list.
 - Or open any other Internet browser on your PC/Mac, then type in the IP address of DS9100W (available on the Wi-Fi router configuration page) at the address bar.
 - ↳ The DS9100W configuration web page is displayed.



- 4 Select the 'Firmware Update' tab and follow the on-screen instructions to complete the update process.



Note

- In case the firmware update fails, try the above procedures again.
- After successful firmware update, if there is any problem with the Wi-Fi connection, restart DS9100W, and then try to set up the Wi-Fi network for DS9100W again (see 'Connect to your home Wi-Fi network for AirPlay' on page 10).

7 Product information

Note

- Product information is subject to change without prior notice.

General information

AC power	100-240V~, 50/60Hz
Operation Power Consumption	100 W
Dimensions	562 x 219 x 180 mm
Weight	
- Main unit	6.4 kg

Specifications

Amplifier

Rated Output Power	2X50 W RMS
Frequency Response	20 - 20000 Hz, -3dB
Signal to Noise Ratio	> 90 dB
Aux Input (MP3 link)	600 mV RMS 10 Kohm

Speakers

Speaker Impedance	6 ohm
Speaker Driver	110 mm woofer + 42 mm tweeter
Sensitivity	> 85 dB/m/W

Wireless

Wireless standard	802.11b/g
Wireless security	WEP (64 or 128 bit), WPA/WPA2 (8-63 characters)
Frequency range	2412 - 2462 MHz (CH1- CH11) (for /79, /37, /55, /97) 2412 - 2472 MHz (CH1- CH13) (for /12, /10, /05)
PBC (one button push)	Yes

8 Troubleshooting



Warning

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

No power

- Make sure that the AC power plug of the device is connected properly.
- Make sure that there is power at the AC outlet.

No sound

- Adjust the volume.
- Check the network connection. Set up the network again if needed (see 'Connect to your home Wi-Fi network for AirPlay' on page 10).
- Check if you have selected the correct audio source.

No response from the unit

- Press and hold ϕ on DS9100W for more than 5 seconds to reset the device. Then set up the Wi-Fi network for DS9100W again (see 'Connect to your home Wi-Fi network for AirPlay' on page 10).
- Disconnect and reconnect the AC power plug, and then switch on the device again.

Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/- signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the IR sensor on the front of DS9100W.

Wi-Fi network connection failed

- Check if your Wi-Fi router is Wi-Fi 802.11b/g certified. This device is only compatible with Wi-Fi 802.11b/g certified routers.
- If your Wi-Fi router is Wi-Fi 802.11n certified, make sure to enable the 802.11b/g mode. DS9100W does not support connection to routers with 802.11n only.
- This device does not support the WPS-PIN method.
- If your Wi-Fi router supports WPS and the WPS-PBC method but fails to connect to DS9100W, try the manual Wi-Fi setup method (see 'Method 3: Connect to a non-WPS Wi-Fi router' on page 12).
- Enable SSID broadcast on the Wi-Fi router.
- Keep away from potential sources of interference which may affect Wi-Fi signal, such as microwave ovens.
- If you fail to use your PC for Wi-Fi network setup, check whether your PC is using a Wi-Fi network. You cannot use Ethernet connection for AirPlay network setup.
- Make sure that the SSID name of your home router consists of alphanumeric characters, with no space or special characters like %/#/* inserted.
- If you choose to rename the AirPlay device '**Philips DS9100W XXXXXX**' in the setting menu, do not use special characters or symbols.

- For some new types of Wi-Fi routers, a network name (SSID) may be created automatically when you use WPS for connection. Always change the default network name (SSID) to a simple one that consists of alphanumeric characters, and also change the Wi-Fi security mode to secure your network.

Occasional breaking of AirPlay music streaming

Do one or all of the following:

- Move DS9100W closer to your Wi-Fi router.
- Remove any obstacles between DS9100W and your Wi-Fi router.
- Avoid using Wi-Fi channel which is overlapped by the nearby Wi-Fi network.
- Check if your network speed is fast enough (in cases where multiple devices share the same router, the AirPlay performance may be affected). Turn off the other devices connected to your home router.
- Enable the Quality of Service (QoS) option (if available on the Wi-Fi router).
- Turn off other Wi-Fi routers.

No AirPlay icon on my iTunes host device

- Make sure that DS9100W is already connected to your home Wi-Fi network.
- Before you open iTunes, make sure that you have enabled Bonjour service in your PC. Take Windows XP for example: to enable the service, you can click **Start->Control Panel**, and double-click **Administrative Tools-> Services->Bonjour Service**, then click **Start** followed by **OK** on the pop-up menu.
- If the problem remains, try to restart DS9100W.

AirPlay connection failed with Mac or PC

- Temporarily disable the firewall and security software to see whether it blocks the ports that AirPlay uses to stream content. See the help documentation of your firewall and security software on how to unblock the ports used by AirPlay.
- When you use iPod Touch/iPhone/iPad/Mac/PC for AirPlay, if the music play breaks or stops, try to restart your iPod Touch/iPhone/iPad, iTunes or DS9100W.
- Video streaming or FTP downloads may overload your router and therefore may cause interruptions during AirPlay music play. Try to reduce the load of your router.



Specifications are subject to change without notice.
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